WHAT IS CLAIMED IS:

1. A combustion-engined setting tool, comprising a combustion chamber (22); a guide cylinder(s) adjoining the combustion chamber (22); a drive piston (8) displaceable in the guide cylinder (5) in a setting direction upon combustion of a fuel gas in the combustion chamber (22); a metering chamber (49) for metering a predetermined amount of the fuel gas to the combustion chamber (22); a pressure control valve (53) connected with the metering chamber (49) for adjusting an amount of the fuel gas metered by metering chamber (49); and an ignition device (15) for igniting the fuel gas in the combustion chamber (22).

2. A setting tool according to claim 1, wherein the pressure control valve (53) includes a servo component (54) for adjusting pressure in the metering chamber (49).

3. A setting tool according to claim 2, wherein the servo component (54) is controlled dependent on a measured temperature.

4. A setting tool according to claim 3, wherein the servo component (54) is controlled dependent on a temperature in the combustion chamber (22).

5. A setting tool according to claim 3, wherein the servo component (54) is controlled dependent on a temperature in the metering chamber (49).

6. A setting tool according to claim 3, wherein the servo component (54) is controlled dependent on an environmental temperature.

7. A setting tool according to claim 2, wherein the servo component (54) is controlled dependent on an environmental pressure.

8. A setting tool according to claim 2, wherein the servo component (54) is controlled with an electronic control signal.

9. A setting tool according to claim 1, wherein the metering chamber (49) forms part of a metering device (45) also including an evaporator (48) connected with the metering chamber (49), a metering valve (47) for feeding a liquefied fuel gas from a pressure reservoir (46) to the evaporator (48), and a check valve (52) for connecting the evaporator (48) with the metering chamber (49).